



Home Theatre Reference  
**HTFS 500 POWERCENTER™**  
**HTFS 1000 POWERCENTER™**

**Owner's Manual**

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## IMPORTANT SAFETY INFORMATION

Please read and observe the following safety points at all times.

### **WARNING – Power Sources**

Do not plug this PowerCenter™ into a power outlet that differs from the source indicated for safe use on the PowerCenter.™ If you don't know the type of electrical power that is supplied to your home, consult your local power company or a qualified electrician.

### **WARNING – Grounding and Polarization**

- A. Do not force your PowerCenter™ plug into an outlet that is not designed to accept a three-wire grounded-type AC plug (a three-prong plug). This plug is designed to be inserted into a grounded-type outlet only. If this plug doesn't fit directly inside your outlet, do not attempt to force it into the outlet. Never attempt to dismantle the plug in any way (or to alter the power cord). Do not attempt to defeat the grounding feature by using a 3-to-2 prong adapter. If you have questions about grounding, consult your local power company or a qualified electrician.
- B. If you use rooftop devices such as satellite dishes, antennas, or any other component with wire that connects to your PowerCenter™, be sure the wire(s) is properly grounded. Use grounding techniques specified in Section 810 of the National Electrical Code (NEC), ANSI/NFPA 70 (in Canada, Part 1 of the Canadian Electrical Code). This protects against voltage surges and static charges.
- C. Do not place any antenna near overhead power lines or any other power circuit. Do not touch any power line or power circuit. Doing so may cause severe physical injury or possibly death.

### **WARNING – Liquid: Avoiding Electrical Shocks**

- A. Do not operate your Monster PowerCenter™ if liquid of any kind is spilled onto or inside the unit.
- B. Do not operate your Monster PowerCenter™ near rain or water that's spilled or contained (e.g., bathtub, kitchen or sink).

### **WARNING – Power Cord Safety**

- A. When routing your PowerCenter's AC power cord, do not place it near heavy foot traffic areas (e.g., hallways, doorways, and floors). Do not create a trip hazard with the power cord.
- B. If your power cord's protective jacket begins to rip or fray, exposing the internal wiring, shielding, etc., disconnect it from the power source and discontinue use of the Monster PowerCenter™ immediately.  
See the Warranty Information section of this owner's manual for important details.

### **WARNING – Storm Precautions**

In the event of a lightning storm, it's always a good idea to disconnect your Monster PowerCenter™; there is no need to disconnect your separate components. Make sure that ALL of your components and PC products are protected with Monster Power.

### **WARNING – No User Serviceable Parts Inside**

If, for any reason, your PowerCenter™ is not operating properly, do not remove any part of the unit (cover, etc.) for repair. Unplug the unit and consult the Warranty Information section of this owner's manual for important details.

### **CAUTION – Exposure To Heat**

Do not expose your PowerCenter™ to direct sunlight or place it near wall heaters, space heaters, or any enclosed space prone to temperature increase.

### **CAUTION – Proper Cleaning**

In general, the only cleaning necessary for your Monster PowerCenter™ is a light dusting. Unplug your component from the wall before cleaning it. Do not use any type of liquid or aerosol cleaners.

## PROPER GROUNDING AND INSTALLATION

### **WARNING – Proper Grounding**

Monster PowerCenters™ require a properly grounded 3-wire outlet for safety and to protect connected equipment. If you're not sure if your home's electrical wiring is properly grounded, have it checked by a qualified electrician.

Many older buildings are inadequately wired. It's very common for a building to be improperly grounded. Building wiring and grounding must conform to applicable NEC (USA) or CEC (Canada) codes for the Limited Connected Equipment Warranty to be valid. If you're not sure about your home's wiring, have it checked by a qualified electrician.

### **IMPORTANT NOTE – Proper Power and Protection**

To completely protect your equipment against electrical surges, every AC power cable, coaxial cable and phone line in the system must be connected to an appropriate PowerCenter™.

### **IMPORTANT NOTE – Proper Protection and the Limited Connected Equipment Warranty**

The Limited Connected Equipment Warranty becomes invalid if any wire (AC, coax, or phone), audio or video interconnect leading into the equipment comes from a component that is not properly protected by the PowerCenter™. See the Warranty Information section of this owner's manual for important details.

## A NOTE FROM THE HEAD MONSTER

Dear Enthusiast,

**THANK YOU** for purchasing the Monster Power Home Theatre Reference PowerCenter™ for flat screen, plasma, and LCD televisions. This PowerCenter reflects our commitment to creating performance-enhancing solutions for home theatre systems, so you can enjoy superior sound and picture quality.

As a long-time audiophile and serious home theater enthusiast, I always knew problematic AC power could degrade picture and sound quality. Unfortunately, ordinary AC power accessories can compromise the performance of the components they power. So, I decided to address the issue. And, with the help of Richard Marsh and other power experts, Monster Power was born. This PowerCenter's advanced technology and innovative design provides several unique performance and convenience features. Here are the highlights...

The Monster PowerCenter does an excellent job of protecting your components from harmful power surges, but it's benefits include much more than just surge protection. The patented Monster Clean Power™ HDV filter is specially designed to address the noise interference generated by flat screen, plasma and LCD televisions. With patented Clean Power™ HDV, video noise is rejected, as well as radio frequency and electromagnetic interference generated on the powerline and from other connected equipment. As a result, your picture will be the highest definition possible—without performance degrading video noise.



Noel Lee

Other Monster Power breakthroughs include patented Tri-Mode™ protection (HTFS 1000 only) and patented Dual Mode Plus™ protection (HTFS 500 only), both featuring an audible alarm. This feature automatically disconnects power from your electronics if you're hit by a big surge. The PowerCenter is also small in design to easily fit behind your flat screen, plasma, or LCD TV.

These days, home theater components are better than ever, providing thrilling and dramatic sound and razor sharp picture. We know your new PowerCenter will help bring it all together with Clean Power and superior system protection. With Monster Power, you'll enjoy the best possible sound and picture. And, that's what home theater is all about.

A stylized, handwritten signature in black ink, appearing to read 'Noel Lee'.

**Noel Lee,**

The Head Monster

## MONSTER'S PATENTED CLEAN POWER™

Monster's High Definition Video (HDV) Clean Power circuitry is engineered specifically to help eliminate noise such as electromagnetic interference (EMI) and radio frequency interference (RFI) from high definition video sources. Clean Power incorporates sophisticated filters to dramatically reduce this electronic noise on your AC power line to give you the best possible sound and picture from your high definition displays, including plasma, LCD or HDTVs.

The HTFS 500 and HTFS 1000 PowerCenters are ideal for the plasma, LCD, or HDTV in your home theater system. To learn more about patented Monster Clean Power and the complete product family of PowerCenters, voltage stabilizers and amplifiers, please visit **MonsterPower.com**.



## THE MINDS BEHIND THE MONSTER POWERCENTER DESIGN



**Richard Marsh** – There are few experts able to solve the complex problems associated with AC power and complex home theater systems. Richard Marsh is one of these illustrious few. He has designed best selling power conditioning components costing more than \$3,000 US and now brings his expertise to Monster Power. Richard developed Monster's patented Clean Power™ circuitry. He is also responsible for several other ground-breaking designs. Richard's background and research into amplifier and capacitor design led to his development of the Servo-DC feedback concept in power amplifiers – a concept that is used by virtually every amplifier manufacturer today. His status as both the inventor of the MultiCap™ internal bypass capacitor and as the driving force behind the high-end audio balanced circuit design concept has influenced the audiophile community for years. Richard is responsible for some of the high-end audio world's most respected product designs, essays and articles, and has contributed to *The Absolute Sound* and *Audio* magazines. He is included in *Who's Who in the West*.



**Demian Martin** – Demian Martin has been solving complex AC power problems for several years. As a technical consultant for successful paper and steel mills, Demian helped create several innovative AC power solutions. He developed techniques to dramatically improve the efficiency of these factories' high power motor control systems – up to 50,000 watts — helping them avoid the costly premiums many factories must pay for AC power inefficiency. Demian was also the cofounder of Spectral Audio and was the chief designer of their many pioneering designs for amplifiers, D/A converters, and other high-end audio designs. He now brings his expertise to Monster Power's elite research and development team.



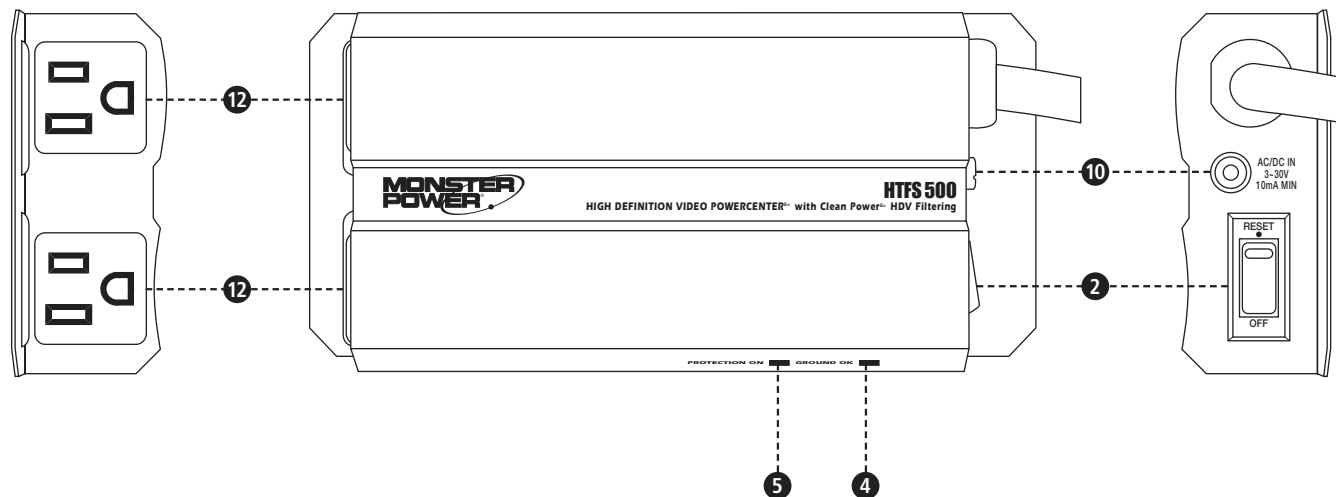
**Noel Lee** – Noel Lee, The Head Monster, is best known for popularizing the concept of high performance audio cable 25 years ago with his creation of Monster Cable. Originally a laser-fusion design engineer at Lawrence Livermore National Laboratory and later a touring musician, Noel has invented or co-invented over 250 U.S. and international patents and drives the explosive growth of The Monster Group companies in more than 80 countries worldwide. Monster Power is Noel's realization of a long-nurtured vision of making affordable power solutions that deliver the best possible sound and picture.

## MONSTER HTFS 500 POWERCENTER FEATURES

HTFS 500  
SIDE VIEW

HTFS 500  
TOP VIEW

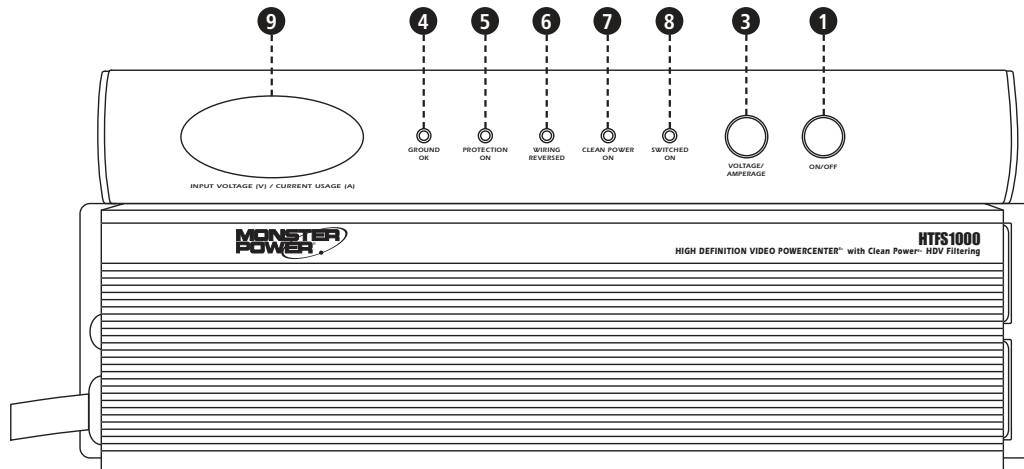
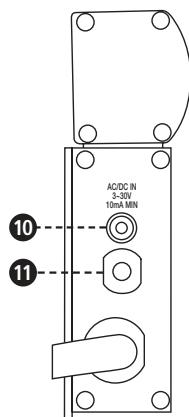
HTFS 500  
SIDE VIEW



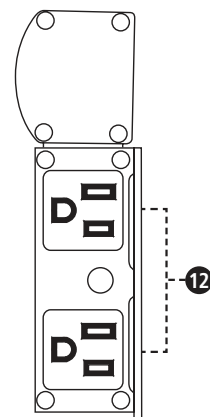
# MONSTER HTFS1000 POWERCENTER FEATURES

HTFS 1000  
TOP VIEW

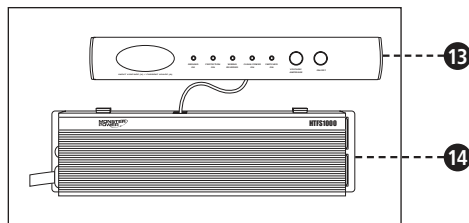
HTFS 1000  
SIDE VIEW



HTFS 1000  
SIDE VIEW



HTFS 1000  
(separated view)



## MONSTER HTFS 500 / HTFS 1000 POWERCENTER FEATURES

1. **"On/Off Button" (HTFS1000 only):** Press to turn on/off the switched outlet (labeled as HDTV).  
**Note:** The ON/OFF button has no effects on the unswitched outlet (labeled as ACCESSORY), which remains on as long as the HTFS1000 is plugged into an active AC outlet.
2. **"Reset/Off" Switch (HTFS 500 only):** Switch to turn on/off both AC outlets on the HTFS500.  
**Note 1:** This RESET/OFF switch is also a circuit breaker.  
**Note 2:** Both AC outlets (labeled as HDTV and ACCESSORY) on the HTFS500 are switched (turned on/off by the RESET/OFF switch).
3. **"Voltage/Amperage" Button (HTFS1000 only):** Allows you to view either the input voltage (in volts, V) or current usage (in amps, A) of your system.
4. **"Ground OK" Indicator:** Indicates the PowerCenter is plugged into a properly grounded 120V AC outlet.
5. **"Protection On" Indicator:** Indicates Monster surge protection circuitry is functioning properly.
6. **"Wiring Reversed" Indicator (HTFS1000 only):** Indicates the line-neutral polarity is incorrect on the AC outlet that powers the PowerCenter. If the indicator is lit, unplug the PowerCenter and consult your local power company or a qualified electrician.
7. **"Clean Power On" Indicator (HTFS1000 only):** Indicates Monster Clean Power circuitry is functioning properly.
8. **"Switched On" Indicator (HTFS1000 only):** Indicates that the component plugged into the switched outlet (labeled as HDTV) will receive AC power when the ON/OFF button is pressed.
9. **Input Voltage (V) / Current Usage (A) Digital Display (HTFS1000 only):** In conjunction with the VOLTAGE/ AMPERAGE button, indicates either the input voltage (in volts, V) or current usage (in amps, A) of your system.

- 10. Remote "AC/DC In" Control:** Allows you to automatically turn on/off the PowerCenter's switched outlet(s) via the Remote "AC/DC Out" on another component (such as an A/V receiver or custom installation equipment).

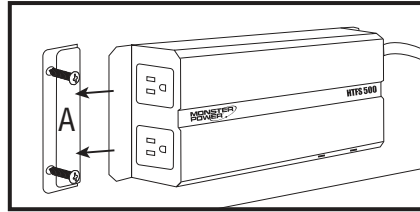
**Note 1:** To use this feature, the ON/OFF button on HTFS1000 or the RESET/OFF switch on HTFS500 should be set to OFF.

**Note 2:** The voltage range of the external source's output for remote control should be 3~30V (AC or DC).

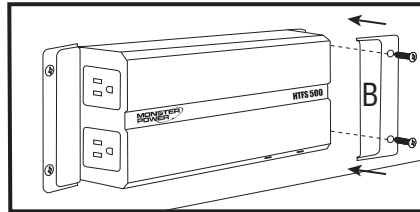
- 11. Resettable 15 Amp Circuit Breaker (HTFS1000 only):** Protects the PowerCenter from continuous power overload.
- 12. AC Outlets:** These outlets have special filter circuitry specially designed to eliminate noise from the AC power line to high definition components.
- 13. Display Unit (HTFS1000 only):** Provides system status indicators and displays either the input voltage or current usage of your system. It is detachable from the main unit.
- 14. Main Unit (HTFS1000 only):** Main unit of the PowerCenter. It provides power to the display unit via a 4-wire RJ11 phone cable.

## INSTALLATION OF MONSTER HTFS 500 POWERCENTER™ WALL-MOUNT BRACKETS

### HTFS 500 Mounting Instructions



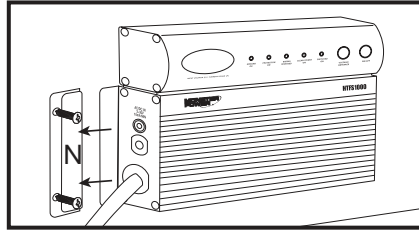
- Step 1.** Determine where you will mount your HTFS PowerCenter.™ Fit bracket A to a side-flap, holding it to the wall and marking the holes.
- Step 2.** Fasten Bracket A to the wall with standard 1" self-tapping drywall screws (Hardware not included).



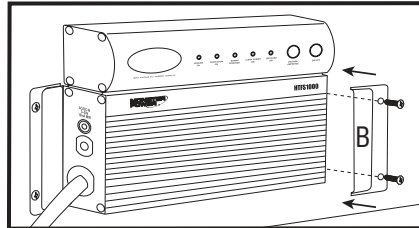
- Step 3.** Insert one of the side-flaps of the HTFS PowerCenter into bracket A.
- Step 4.** Fit Bracket B to the other side-flap, make sure it is secure and fasten it to the wall with screws.

## INSTALLATION OF MONSTER HTFS 1000 POWERCENTER™ WALL-MOUNT BRACKETS

### HTFS 1000 Mounting Instructions



- Step 1.** Determine where you will mount your HTFS PowerCenter.™ Fit bracket A to a side-flap, holding it to the wall and marking the holes.
- Step 2.** Fasten Bracket A to the wall with standard 1" self-tapping drywall screws (Hardware not included).



- Step 3.** Insert one of the side-flaps of the HTFS PowerCenter into bracket A.
- Step 4.** Fit Bracket B to the other side-flap, make sure it is secure and fasten it to the wall with screws.



## HOOK-UP GUIDE

### High Definition Video (HDV) Outlet Hook-Up

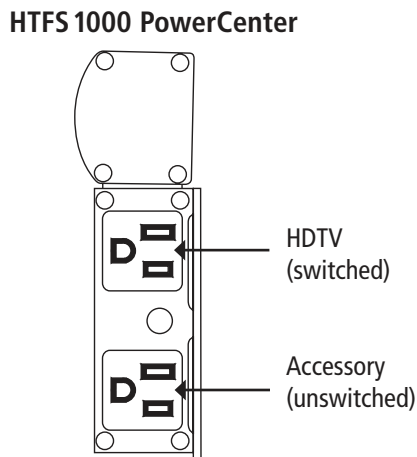
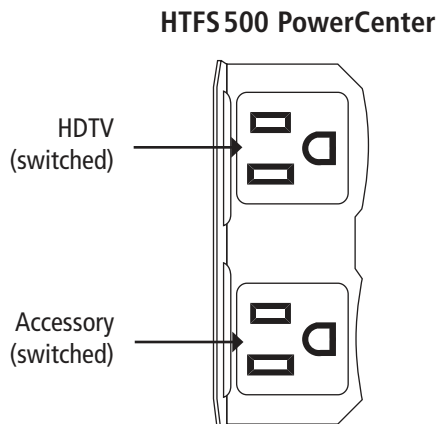
These outlets have a special filter circuit that is optimized to reduce interference to your high definition video components.

- A) HDTV:** Plug your high definition video monitor (such as a plasma HDTV) into the outlet labeled as HDTV.

**Note:** The HDTV outlet on the HTFS 1000 and HTFS 500 is switched.

- B) ACCESSORY:** Plug an additional component (such as a HDTV receiver, a satellite receiver, a DVD player, etc.) into the outlet labeled as accessory.

**Note:** The ACCESSORY outlet on HTFS 1000 is unswitched. The ACCESSORY outlet on HTFS 500 is switched.



## HOOK-UP GUIDE

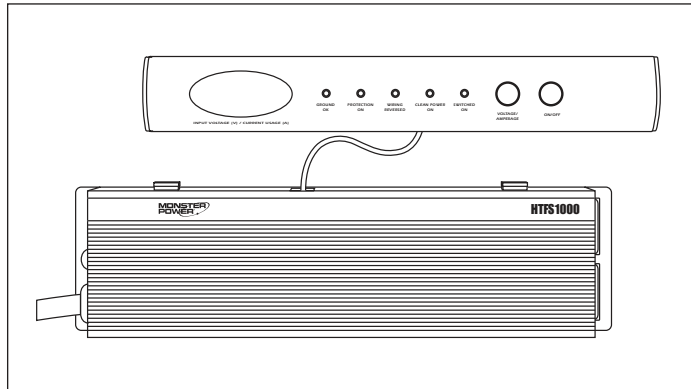
### Display Unit Hook-Up (HTFS1000 only)

The display unit of HTFS1000 is detachable from the main unit. The display unit is connected to the main unit via a 4-wire RJ11 phone cable.

Connect one end of the supplied phone-type cable to the corresponding jack on the detachable display unit. Connect the other end of the cable to the jack on the main unit of the HTFS1000.

**Note:** The cable included is 6 feet in length. If a longer length is needed, use a 4-wire phone-type cable with RJ-11 connectors in the appropriate length. Not doing so may cause the PowerCenter not to function properly.

### HTFS 1000 (separated view)



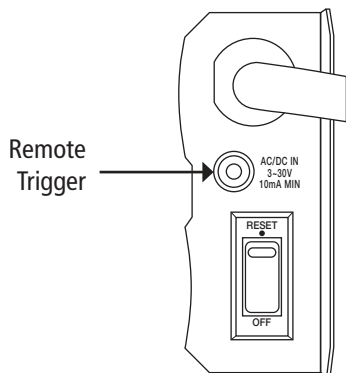
## HOOK-UP GUIDE

### Remote "AC/DC In" Control Hook-Up

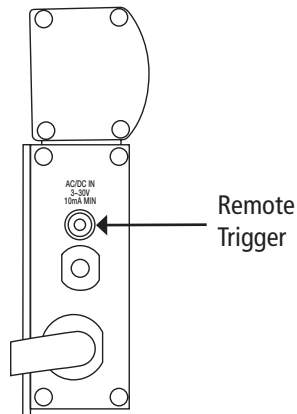
This feature connects your PowerCenter to an automated Home Theater control system or allows another component with a Remote "DC Out" connection to automatically turn on and off your PowerCenter.

- A) Plug the AC power cable of the component you are using to control the PowerCenter into an unswitched outlet on the PowerCenter. Note: This component must deliver a control voltage between 3-30 volts DC.
- B) Plug one end of the 1/8" miniplug (supplied) into the corresponding Remote "AC/DC In" connection on the PowerCenter.
- C) Plug the other end of the 1/8" miniplug into the Remote "DC Out" connection on the component that you want to turn on and off the PowerCenter's Switched Outlets when it is turned on.

**HTFS 500 PowerCenter**



**HTFS 1000 PowerCenter**



## TROUBLESHOOTING

Symptom	Possible Cause	Remedy
The PowerCenter is not receiving power.	The PowerCenter is not turned on.	<ul style="list-style-type: none"> <li>• Turn the PowerCenter switch on.</li> <li>• Make sure the PowerCenter's AC power plug is plugged into a properly grounded 120 volts (nominal) wall outlet.</li> <li>• In some households, a wall switch may need to be thrown to make the wall plug come alive. Try turning on the light switches located near the wall unit powering the PowerCenter.</li> </ul>
	Too many devices are connected, causing an overload, throwing the Thermal Circuit Breaker. Please note: The total power consumption on all the components powered by the PowerCenter should not exceed 1800 watts.	<ul style="list-style-type: none"> <li>• Press the PowerCenter Thermal Circuit Breaker button (labeled as RESET below the power cord) in to reset. Please allow 10 minutes from the time the circuit breaker is thrown before attempting to reset. If you reset too soon, the breaker will prematurely sense power overload and not allow unit to operate.</li> <li>• If the Circuit Breaker continues to trip, try moving one or more components to another PowerCenter. You may be drawing too much current through one PowerCenter.</li> </ul>

## TROUBLESHOOTING

Symptom	Possible Cause	Remedy
The PowerCenter is not receiving power (continued).	The component is plugged into a switched outlet and the PowerCenter has not been turned on.	<ul style="list-style-type: none"><li>• Turn the PowerCenter on.</li><li>• Or, plug the component into an Unswitched outlet.</li></ul>
	The PowerCenter is plugged into a Switched outlet, but power on the component is not On. In some instances, a component plugged into a switched outlet won't receive power when the PowerCenter is turned On unless the component power is also switched On.	<ul style="list-style-type: none"><li>• Turn the component's power On.</li></ul>

## TROUBLESHOOTING

Symptom	Possible Cause	Remedy
Speakers emit a humming or buzzing noise.	The PowerCenter is sharing AC power with equipment that is not properly grounded.	<ul style="list-style-type: none"><li>• Connect your PowerCenter to a dedicated outlet.</li><li>• Try unplugging different components from the PowerCenter one at a time to see if the noise stops. If a component is discovered to be improperly grounded, attach a copper wire from the component's chassis to the PowerCenter's grounding post.</li></ul>
The display unit is not functioning.	There is not a secure connection between the display unit and the main unit.	<ul style="list-style-type: none"><li>• Make sure each end of the 4-wire RJ11 phone cable is securely fastened to the display unit and the main unit.</li></ul>

## SPECIFICATIONS

### HTFS 500 POWERCENTER™

<b>Continuous Duty Electrical Rating</b>	120V/60Hz		
<b>Maximum Current Rating</b>	15A/1800W		
<b>Protection Modes</b>	Line-Neutral (L-N) Line-Ground (L-G) Neutral-Ground (N-G)		
<b>Total Energy Dissipation</b>	2775 Joules		
<b>Clamping Level (TVSS Voltage)</b>	330 Volts		
<b>Clamping Response Time</b>	Less than 1 Nanosecond (<1Ns)		
<b>Remote Trigger In</b>	3 – 30v DC, 10mA MIN		
<b>Dimensions</b>	Width:	3.56 inches	90.424mm
	Height:	1.4 inches	35.56mm
	Length:	7.5 inches	190.5mm

## SPECIFICATIONS

### HTFS 1000 POWERCENTER™

<b>Continuous Duty Electrical Rating</b>	120V/60Hz	
<b>Maximum Current Rating</b>	15A/1800W	
<b>Protection Modes</b>	Line-Neutral (L-N) Line-Ground (L-G) Neutral-Ground (N-G)	
<b>Total Energy Dissipation</b>	3145 Joules	
<b>Clamping Level (TVSS Voltage)</b>	330 Volts	
<b>Clamping Response Time</b>	Less than 1 Nanosecond (<1Ns)	
<b>Remote Trigger In</b>	3 – 30v DC	
<b>Dimensions</b>	Width with Display Unit:	5.375 inches
	Width without Display Unit:	3.56 inches
	Height with Display Unit:	1.72 inches
	Height without Display Unit:	1.50 inches
	Length:	13.1875 inches
		136.525mm
		90.424mm
		43.688mm
		38.1mm
		334.9625mm





Monster, LLC

7251 West Lake Mead Blvd. • Las Vegas, NV 89128 • USA

Monster Technology International Limited

Ballymaley Business Park • Gort Road • Ennis, Co. Clare • Ireland

Visit us on the web at: [MonsterPower.com](http://MonsterPower.com)

Call us toll-free in the U. S. at 877-800-8989  
or toll-free in Canada at 001-866-348-4171.

The Monster Power Home Theatre Reference PowerCenter HTFS 500 and PowerCenter HTFS 1000 are protected under U.S. Pat. No. 5,589,718; 6,683,770; 6,614,636; 6,473,510; 6,456,091; D 446,504. Other Patents Pending.

Designed in the USA by the Monster Power Dream Team  
and manufactured to Monster quality specifications in China.

"Monster" "Monster Cable" "Monster Power" the "Monster Power" logo "T2"  
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